

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5337963").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 09:05
S2	16	("4381533" "4476515" "4659012" "4776515" "4962885").PN. OR ("5337963"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 09:05
S3	47	electrostatic atomizer and hole and coating	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 09:06
S4	2023	(239/690-708).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/06/22 09:10
S5	379	S4 and hole and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 09:10
S6	24	S5 and pole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 09:11
S7	10	S5 and migration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 09:11
S8	268	S5 and coating	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 09:12
S9	17	S4 and dew	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/06/22 09:40

S10	137	("20030178507" "2840185" "3060429" "3475636" "3886565" "3903321" "4088919" "4135667" "4148932" "4214709" "4225090" "4228961" "4264641" "4281333" "4289278" "4316582" "4359192" "4381533" "4399945" "4401275" "4417696" "4476515" "4572437" "4605168" "4615649" "4659012" "4659019" "4706890" "4717926" "4747546" "4776515" "4788933" "4798338" "4798340" "4815666" "4852810" "4886215" "4921172" "4936509" "4962885" "4966330" "4979680" "5002229" "5011085" "5106025" "5165601" "5477249" "6036302" "6412925" "6420476" "6481648" "6811090").PN. OR ("2006/0124780" "2009/0001200" "3117029" "4431137" "4788016" "5337963" "5344082" "5358182" "5402940" "7314185" "7337987").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/22 09:43
S11	2031	(239/690-708).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/09/29 11:34
S12	4	S11 and (spray electrode) and (reference electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:34
S13	8	S11 and (second electrode) and focus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:42
S14	7	"0300431"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:52
S15	23	"5503335"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:53

S16	9	"5927618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:53
S17	29	"5337963"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:54
S18	37	S11 and electrode and focus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 11:59
S19	9007	second electrode and focus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 12:02
S20	9007	(second electrode) and focus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 12:03
S21	681	S20 and spray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 12:03
S22	132	S21 and projection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 12:03
S23	241	S11 and (focus or projection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 12:06
S24	85	("2840185" "2894175" "3393662" "3475636" "3579245" "4088919" "4148932" "4157162" "4264641" "4581675" "4726521" "4749125" "4830872" "4989793" "5086973" "5154358" "5290600" "5332154" "5400975" "5788166" "5813614" "6105877").PN. OR ("2009/0001200" "4431137" "4659012" "4788016" "6302331").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/29 12:45
S25	39	electrostatic and (rounded electrode)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/29 12:58

S26	1912	electrode projection	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 13:10
S27	111	S26 and spray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/09/29 13:10
S28	455170	electrostatic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:21
S29	1101425	spray\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:21
S30	1237	piezoelectric diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:21
S31	22552	peristaltic pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:21
S32	2213370	electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:21
S33	149083	S28 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:22
S34	22689	S33 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:22
S35	9	S34 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:22
S36	265	S34 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:22

S37	2	S35 and clean\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:27
S38	183	S36 and clean\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:27
S39	80603	electrode and focus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:53
S40	11570	S39 and rod	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:53
S41	1970	S40 and capillary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:53
S42	188	S41 and (reference electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:54
S43	37	S42 and rounded	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:56
S44	46	S41 and (rod near adjacent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:58
S45	1	S41 and (focus rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 14:58
S46	0	S41 and (focus pole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:02
S47	86	S41 and (rod near (rod or pole))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:02

S48	0	focus near[3] (electric field)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:14
S49	1004	(239/690,699,706,707).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/02 15:19
S50	32	S49 and focus	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:19
S51	0	wo0300431	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:26
S52	7	"0300431"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:26
S53	11	"5927618"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:28
S54	23	"5503335"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/02 15:28
S55	30	("0788805" "1676943" "1958406" "4381533" "4431137" "4476515" "4477414" "4580721" "4659012" "4776515" "4830872" "4846407" "4962885" "5176321" "5196171" "5337963" "5487782" "5503335" "5542605").PN. OR ("5927618"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/02 15:33
S56	44	("2695002" "2718477" "2723646" "2955565" "3248606" "3682384" "4381533" "4421281" "4519549").PN. OR ("4846407"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 09:37

S57	43	("0705691" "2302289" "2723646" "2777784" "3060429" "3248253" "3577198" "3579245" "3656171" "3698635" "3802625" "4004733" "4009829" "4106697" "4188413" "4215818" "4221185" "4266721" "4324117" "4341347" "4431137" "4476515" "4749125" "4788016" "4830872" "4845512" "5086972" "5086973").PN. OR ("5332154").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 09:38
S58	39	("2695002" "2782074" "2860599" "3486483" "3735925" "4356528").PN. OR ("4830872").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:17
S59	39	("2695002" "2782074" "2860599" "3486483" "3735925" "4356528").PN. OR ("4830872").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:25
S60	464391	focus	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S61	25486	reference electrode	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S62	214	spray electrode	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S63	1	capillary spray electrode	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S64	214	S63 or S62	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S65	11	S62 and S61	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S66	4	S65 and S60	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:29
S67	2131	S61 and S60	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:30
S68	318	S67 and spray	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:30
S69	59053	"239"/\$	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:30
S70	2	S69 and S68	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:32
S71	0	"2004001431"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:36
S72	0	pirrie-bruce.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:37
S73	14	pirrie-\$in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 10:37

S74	1039	(239/690,698,706,707).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/03/03 10:47
S75	77	S74 and (second electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 10:47
S76	13	S74 and (outer electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 10:47
S77	8	S74 and (reference electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 10:47
S78	34	("4148932").PN. OR ("4788016"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 11:25
S79	26	S75 and capillary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 11:25
S80	20	"3735925"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 11:28
S81	23	("2858798" "3352285" "3587967" "3604980" "3630441").PN. OR ("3735925"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 11:30
S82	61	"149313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 12:58
S83	5	"2004011954"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 12:58
S84	2	"2002149313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 12:59
S85	13	park-melvin.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 12:59

S86	58	"5572023"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:00
S87	26	"5935331"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:00
S88	173	"5511726"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:00
S89	2	"2002158196"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:00
S90	31	"6318640"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:00
S91	0	yasuo-imanishi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:03
S92	191	imanishi-yasuo.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:03
S93	21	S92 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:04
S94	3	"20040011954"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/03 13:06
S95	14	("4717926" "5019748" "5988795" "6241341" "6368675" "6557981").PN. OR ("6776844").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/03 13:14

EAST Search History (Interference)

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3/ 4/ 2010 10:45:58 AM**C:\ Documents and Settings\ jjonaitis\ My Documents\ EAST\ Workspaces\ Cases\ Electrostatic Atomizers**

\ **10552272 - electrode with coating.wsp**